

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP2004/004935

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C23C16/24 C23C16/56 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C23C H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 346 850 A (KASCHMITTER JAMES L ET AL) 13 September 1994 (1994-09-13) column 2, line 47 - column 3, line 3; claims 1-3,5,6,8,10-12 -----	1-5,7-9
X	US 2002/139972 A1 (OKUMURA HIROSHI ET AL) 3 October 2002 (2002-10-03) page 5, paragraph 100 - paragraph 112; claims 1,8,10 -----	1-5,7-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

6 July 2004

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13/07/2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/004935

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5346850	A	13-09-1994	NONE	
US 2002139972	A1	03-10-2002	JP 2002303879 A TW 541706 B	18-10-2002 11-07-2003